

## EAST Search History

| Ref # | Hits  | Search Query                 | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|------------------------------|---|------------------|---------|------------------|
| L1    | 3918  | foley.in.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:42 |
| L2    | 17027 | (pedicle or bone) with screw | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:42 |
| L3    | 92    | 1 and 2                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:43 |
| L4    | 265   | "foley, kevin".in.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:43 |
| L5    | 3     | "sprouse, stacy".in.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:43 |
| L6    | 144   | "clayton, john".in.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:44 |
| L7    | 4     | "mire, david".in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:44 |
| L8    | 70    | "hunter, mark".in.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:44 |
| L9    | 450   | 4 5 6 7 8                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/15 08:44 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| L10 | 103     | 2 and 9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/15 08:44 |
| L11 | 1233420 | localization or localize or localizing or<br>navigation or navigate or navigating<br>or tracking or track or tracker | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/15 08:44 |
| L12 | 53      | 10 and 11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/15 09:04 |
| L13 | 2738    | 606/61.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/15 09:04 |
| S1  | 3914    | foley.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:00 |
| S2  | 224     | (spine or spinal) and S1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 09:10 |
| S3  | 8       | ("6167145" "6285902" "6491429"<br>"6470207").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:08 |
| S5  | 822563  | optimal or optimize or optimization or<br>optimally  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:09 |
| S6  | 7589044 | placement or positioning or position   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:10 |
| S8  | 4       | 10/687539  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 21:07 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S9  | 20194  | (bone or pedicle) with (screw or anchor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:11 |
| S10 | 142837 | spine or spinal or vertebrae or vertebral or vertebrate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:12 |
| S11 | 269740 | localization or localize or localizing or navigation or navigate or navigating   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:27 |
| S12 | 163    | (S5 with S6) same S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:14 |
| S13 | 55     | "berger, peter".in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:17 |
| S14 | 11     | S12 and S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:18 |
| S15 | 2      | "vardiman, arnold".in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 15:19 |
| S16 | 81     | ("4269178"   "4347845"   "4369770"   "4382438"   "4409968"   "4422451"   "4567884"   "4611582"   "4719905"   "4773402"   "4955885").PN. OR ("5102412").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/13 15:21 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S17 | 78 | ("4368556"   "5198877"   "5249581"  <br>"5299288"   "5305203"   "5309913"  <br>"5383454"   "5389101"   "5399146"  <br>"5402801"   "5447154"   "5483961"  <br>"5484437"   "5494034"   "5515160"  <br>"5517990"   "5531227"   "5531520"  <br>"5568809"   "5571109"   "5572999"  <br>"5588430"   "5603318"   "5617857"  <br>"5622170"   "5630431"   "5638819"  <br>"5647361"   "5662111"   "5676673"  <br>"5682886"   "5695500"   "5695501"  <br>"5711299"   "5732703"   "5748767"  <br>"5749362"   "5755725"   "5772594"  <br>"5772661"   "5776064"   "5795294"  <br>"5799055"   "5800535"   "5823958"  <br>"5833608"   "5834759"   "5836954"  <br>"5848967"   "5851183"   "5868675"  <br>"5871445"   "5871487"   "5891157"  <br>"5904691"   "5920395"   "5921992").<br>PN. OR ("6348058").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/13 15:35 |
| S18 | 11 | "sasso, ricardo".in.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/13 15:35 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S19 | 133     | ("3821469"   "3983474"   "4058114"  <br>"4209254"   "4259725"   "4262306"  <br>"4341220"   "4396945"   "4398540"  <br>"4419012"   "4457311"   "4543959"  <br>"4583538"   "4592352"   "4602622"  <br>"4608977"   "4638798"   "4649504"  <br>"4686997"   "4701049"   "4705395"  <br>"4705401"   "4706665"   "4723544"  <br>"4733661"   "4737921"   "4750487"  <br>"4771787"   "4779212"   "4782239"  <br>"4788481"   "4791934"   "4793355"  <br>"4805615"   "4809694"   "4836778"  <br>"4841967"   "4875478"   "4896673"  <br>"4931056"   "4943296"   "4945914"  <br>"4955891"   "4991579"   "5016639"  <br>"5047036"   "5078140"   "5080662"  <br>"5094241"   "5097839"   "5119817"  <br>"5142930"   "5178164"   "5186174"  <br>"5198877"   "5211164"   "5222499"  <br>"5230338"   "5230623"   "5249581"  <br>"5251127"   "5257998"   "5279309"  <br>"5295200"   "5295483"   "5299288"  <br>"5305203"   "5309913"   "5371778"  <br>"5383454"   "5389101"   "5402801"  <br>"5447154"   "5483961"   "5494034"  <br>"5515160"   "5517990"   "5526576"  <br>"5551429"   "5572999"   "5603318"  <br>"5603328"   "5617857"   "5622170"  <br>"5630431"   "5638819"   "5662111"  <br>"5676673"   "5748767"   "5749362"  <br>"5755725"   "5795294"   "5823958"  <br>"5834759"   "5836954"   "5848967"  <br>"5851183"   "5868675"   "5871445"  <br>"5891034"   "6006126"   "Re35816").<br>PN. OR ("6226548").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/14 19:26 |
| S20 | 262     | non\$1imag\$3 near3 based   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:27 |
| S21 | 1232196 | localization or localize or localizing or<br>navigation or navigate or navigating<br>or tracking or track or tracker  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:51 |
| S22 | 75      | S20 and S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:29 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S23 | 5       | screw and S22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:40 |
| S24 | 982     | 606/130.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:40 |
| S25 | 2057974 | icon or symbol or representation or<br>indicator or indication                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:42 |
| S26 | 1525    | acker.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:47 |
| S27 | 102     | S21 and S26   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:47 |
| S28 | 344     | imageless or image\$1less or<br>non\$1image\$1based or (non\$1image<br>near2 based) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:51 |
| S29 | 114     | S28 and S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:53 |
| S30 | 43      | screw and S29   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 20:11 |
| S31 | 415986  | contour   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:57 |
| S32 | 17      | S31 and S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 19:57 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S33 | 9       | S24 and S28                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 20:12 |
| S34 | 1778    | digitiz\$3 same (reference with point) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 20:12 |
| S35 | 296     | S31 and S34                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 20:12 |
| S36 | 1843863 | screw                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 20:12 |
| S37 | 62      | S35 and S36                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 20:12 |

## EAST Search History

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S38 | 122 | ("3644825"   "3868565"   "4017858"  <br>"4054881"   "4560930"   "4570354"  <br>"4592356"   "4613866"   "4642786"  <br>"4651436"   "4710708"   "4788987"  <br>"4849692"   "4869238"   "4905698"  <br>"4917095"   "4921482"   "4931059"  <br>"4945305"   "5002137"   "5042486"  <br>"5059197"   "5078144"   "5099845"  <br>"5125924"   "5125926"   "5158084"  <br>"5172056"   "5195540"   "5195968"  <br>"5197482"   "5211165"   "5215680"  <br>"5217484"   "5234426"   "5251635"  <br>"5253647"   "5255680"   "5265610"  <br>"5267960"   "5273025"   "5275166"  <br>"5295484"   "5295486"   "5301682"  <br>"5309913"   "5325873"   "5368564"  <br>"5368592"   "5373849"   "5375596"  <br>"5377678"   "5380316"   "5383454"  <br>"5383874"   "5383923"   "5385148"  <br>"5389096"   "5391199"   "5403356"  <br>"5404297"   "5409004"   "5423321"  <br>"5425367"   "5425382"   "5429132"  <br>"5431168"   "5433198"   "5437277"  <br>"5443489"   "5450846"   "5465717"  <br>"5471982"   "5471988"   "5480422"  <br>"5483951"   "5487391"   "5538008"  <br>"5554152"   "5555883"   "5558091"  <br>"5558092"   "5577502"   "5588432"  <br>"5617857"   "5622169"   "5715822"  <br>"5729129").PN. OR ("6332089").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/14 20:31 |
| S39 | 46  | kormos.in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/14 20:34 |
| S40 | 1   | ("5873873").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/14 20:35 |
| S41 | 4   | ("6011987" "6006126" "6405072"<br>"6738657").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/14 20:38 |
| S42 | 3   | ("5731996" "6484118" "4745401").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/14 20:39 |
| S43 | 5   | ("6264611" "6626902" "6800056"<br>"6277064" "6066090").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/14 20:40 |



## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S44 | 31 | ("4344183"   "4826487"   "5024727"  <br>"5074318"   "5193106"   "5195526"  <br>"5263956"   "5368030"   "5394457"  <br>"5397329"   "5408409"   "5469847"  <br>"5517990"   "5551429"   "5575794"  <br>"5622187"   "5695501"   "5732703"  <br>"5769789"   "5792147"   "5807252"  <br>"5852647"   "5878104").PN. OR<br>("6011987").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/14 20:41 |
| S45 | 58 | ("4146924"   "4373532"   "4841975"  <br>"4932414"   "4945914"   "4991579"  <br>"5016639"   "5086401"   "5094241"  <br>"5097839"   "5119817"   "5142930"  <br>"5161536"   "5167165"   "5178164"  <br>"5180382"   "5198877"   "5211164"  <br>"5222499"   "5230338"   "5236432"  <br>"5249581"   "5299288"   "5306306"  <br>"5320115"   "5343877"   "5383454"  <br>"5394457"   "5394875"   "5397329"  <br>"5408409"   "5411503"   "5480400"  <br>"5524180"   "5546942"   "5551429"  <br>"5564437"   "5590215"   "5622170"  <br>"5649021"   "5674221"   "5682886"  <br>"5696837"   "5769078"   "5772594"  <br>"5799055"   "5806518"   "5807252"  <br>"5824085"   "5868675"   "5971997"  <br>"6011987").PN. OR ("6430434").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/14 20:45 |
| S46 | 2  | "5391199".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 21:12 |
| S47 | 3  | "6332089".pn..pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/14 21:12 |